

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073906.D
 Acq On : 21 Jul 2022 20:11
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/22/2022
 Supervised By :Mahesh Dadoda 07/22/2022

Quant Time: Jul 22 01:20:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	127092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	210781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	200368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	105965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	77760	51.238	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.480%			
35) Dibromofluoromethane	7.903	113	80906	54.408	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.820%			
50) Toluene-d8	10.332	98	293144	54.304	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.600%			
62) 4-Bromofluorobenzene	12.620	95	100571	54.186	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	60730	52.456	ug/l	94
3) Chloromethane	2.209	50	123988	67.637	ug/l	100
4) Vinyl Chloride	2.338	62	158758	54.200	ug/l	100
5) Bromomethane	2.756	94	69170	34.935	ug/l	95
6) Chloroethane	2.915	64	101076	51.195	ug/l	98
7) Trichlorofluoromethane	3.262	101	248218	94.764	ug/l	100
8) Diethyl Ether	3.703	74	34921	54.349	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.085	101	73781	50.764	ug/l	95
10) Methyl Iodide	4.285	142	79249	55.352	ug/l	97
11) Tert butyl alcohol	5.232	59	22724	281.459	ug/l	100
12) 1,1-Dichloroethene	4.050	96	68535	53.065	ug/l	94
13) Acrolein	3.920	56	15603	221.489	ug/l	95
14) Allyl chloride	4.697	41	93964	49.844	ug/l #	89
15) Acrylonitrile	5.409	53	76600	292.097	ug/l	98
16) Acetone	4.162	43	55619	223.346	ug/l	94
17) Carbon Disulfide	4.397	76	206179	49.960	ug/l	97
18) Methyl Acetate	4.709	43	35523	61.061	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	179965	58.173	ug/l	91
20) Methylene Chloride	4.956	84	107386	66.270	ug/l	86
21) trans-1,2-Dichloroethene	5.462	96	83063	54.403	ug/l	93
22) Diisopropyl ether	6.356	45	216124	53.873	ug/l #	92
23) Vinyl Acetate	6.297	43	630150	287.775	ug/l #	91
24) 1,1-Dichloroethane	6.256	63	141545	53.418	ug/l	99
25) 2-Butanone	7.208	43	94641	267.759	ug/l #	88
26) 2,2-Dichloropropane	7.197	77	119311	50.705	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	93401	54.338	ug/l	89
28) Bromochloromethane	7.538	49	55426	55.752	ug/l #	79
29) Tetrahydrofuran	7.561	42	62926	293.602	ug/l #	85
30) Chloroform	7.703	83	160257	54.947	ug/l	99
31) Cyclohexane	7.973	56	114454	47.463	ug/l #	82
32) 1,1,1-Trichloroethane	7.891	97	149923	55.252	ug/l	94
36) 1,1-Dichloropropene	8.103	75	115950	54.051	ug/l	96
37) Ethyl Acetate	7.285	43	46277	59.994	ug/l #	95
38) Carbon Tetrachloride	8.085	117	126215	51.518	ug/l	99
39) Methylcyclohexane	9.350	83	133281	53.300	ug/l	89
40) Benzene	8.344	78	321279	55.047	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	26748	55.801	ug/l #	87
42) 1,2-Dichloroethane	8.414	62	98000	54.863	ug/l	99
43) Isopropyl Acetate	8.444	43	91879	59.604	ug/l #	93
44) Trichloroethene	9.102	130	89489	54.940	ug/l	95
45) 1,2-Dichloropropane	9.379	63	76791	54.434	ug/l	98
46) Dibromomethane	9.467	93	49830	58.233	ug/l	98
47) Bromodichloromethane	9.650	83	123846	55.899	ug/l	96
48) Methyl methacrylate	9.444	41	40651	53.787	ug/l #	71
49) 1,4-Dioxane	9.455	88	10087	1126.617	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	238033	308.875	ug/l	95
52) Toluene	10.391	92	222478	56.638	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	112017	57.272	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	129123	57.055	ug/l	91
55) 1,1,2-Trichloroethane	10.785	97	64031	58.827	ug/l	99
56) Ethyl methacrylate	10.649	69	78127	61.999	ug/l	88
57) 1,3-Dichloropropane	10.932	76	106658	57.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	162914	241.775	ug/l	93
59) 2-Hexanone	10.973	43	160612	305.009	ug/l	93
60) Dibromochloromethane	11.126	129	87478	59.326	ug/l	97
61) 1,2-Dibromoethane	11.232	107	65301	59.295	ug/l	99
64) Tetrachloroethene	10.867	164	76437	57.199	ug/l	95
65) Chlorobenzene	11.661	112	229913	55.713	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	86957	55.447	ug/l	99
67) Ethyl Benzene	11.732	91	416748	54.696	ug/l	98
68) m/p-Xylenes	11.844	106	332509	111.651	ug/l	97
69) o-Xylene	12.167	106	156702	56.202	ug/l	95
70) Styrene	12.179	104	271633	56.985	ug/l	98
71) Bromoform	12.349	173	49876	58.773	ug/l #	97
73) Isopropylbenzene	12.467	105	405514	50.526	ug/l	99
74) N-amyl acetate	12.273	43	89403	56.473	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	76039	54.815	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	60547m	53.253	ug/l	
77) Bromobenzene	12.743	156	96356	54.021	ug/l	87
78) n-propylbenzene	12.808	91	490698	50.118	ug/l	98
79) 2-Chlorotoluene	12.891	91	278345	50.677	ug/l	95
80) 1,3,5-Trimethylbenzene	12.943	105	344157	50.871	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.508	75	21252	50.439	ug/l	89
82) 4-Chlorotoluene	12.991	91	292677	50.388	ug/l	97
83) tert-Butylbenzene	13.208	119	289595	50.065	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	343229	50.935	ug/l	98
85) sec-Butylbenzene	13.385	105	433740	49.728	ug/l	99
86) p-Isopropyltoluene	13.502	119	366464	49.896	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	194908	52.182	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	194109	52.573	ug/l	98
89) n-Butylbenzene	13.826	91	325218	46.638	ug/l	98
90) Hexachloroethane	14.096	117	67045	46.196	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	170584	52.859	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13387	57.469	ug/l	89
93) 1,2,4-Trichlorobenzene	15.137	180	98314	49.902	ug/l	99
94) Hexachlorobutadiene	15.243	225	44085	42.224	ug/l	96
95) Naphthalene	15.379	128	203252	57.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	87791	52.411	ug/l	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

